

AUG 04 2008
WORKMAN | NYDEGGER
INTELLECTUAL PROPERTY ATTORNEYS
1000 EAGLE GATE TOWER, 60 EAST SOUTH TEMPLE | SALT LAKE CITY, UTAH 84111
TEL: (801) 533-9800 | FAX: (801) 328-1707 | WWW.WNLAW.COM

Cgc

PATENT
Docket No. 15436.249.9.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Xie et al.

Serial No.: 10/659,987

Art Unit
2872

Filed: Sep. 11, 2003

For: OPTICAL FILTER FOR WAVELENGTH
DIVISION MULTIPLIED OPTICAL SIGNALS

Examiner: Mohammad Sikder

Patent No.: 6,836,581 B1

Issue Date: Dec. 28, 2004

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
AUG 06 2008
of Correction

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

08/05/2008 RFEKADU1 00000008 6836581

01 FC:1611

100.00 OP

RECEIVED USPTO
Patent Publication

AUG 6 2008



Assistant Commissioner for Patents
Page 2

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 18 day of July, 2008.

Respectfully submitted,

R. Burns Israelsen
Attorney for Patentee
Registration No. 42,685
Customer No. 022913

RBI:jsb
Docket No. 15436.249.9.2
Certificate of Correction Documents (with check)

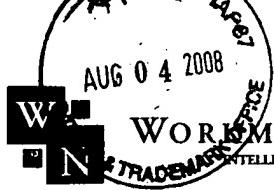
CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 30 day of July, 2008.

Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 158980 for \$100.00

SEARCHED-USPTO
Patent Publication

AUG 6 2008



1000 EAGLE GATE TOWER, 60 EAST SOUTH TEMPLE | SALT LAKE CITY, UTAH 84111
TEL: (801) 533-9800 | FAX: (801) 328-1707 | WWW.WNLAW.COM

PATENT
Docket No. 15436.249.9.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Xie et al.

Serial No.: 10/659,987

Art Unit
2872

Filed: Sep. 11, 2003

For: OPTICAL FILTER FOR WAVELENGTH
DIVISION MULTIPLIED OPTICAL SIGNALS

Examiner: Mohammad Sikder

Patent No.: 6,836,581 B1

Issue Date: Dec. 28, 2004

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

SEARCHED-USPTO
INDEXED-Publication
AUG 6 2008



Assistant Commissioner for Patents
Page 2

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 18 day of July, 2008.

Respectfully submitted,

R. Burns Israelsen
Attorney for Patentee
Registration No. 42,685
Customer No. 022913

RBI:jsb
Docket No. 15436.249.9.2
Certificate of Correction Documents (with check)

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 30 day of July, 2008.

Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 158980 for \$100.00

RECEIVED-USPTO
Print Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1

Line 30, change "portion" to --portions--
 Line 59, change "nukes" to --makes--

Column 2

Line 61, change "cording" to --combining--

Column 3

Line 1, change "cells" to --channels--
 Line 38, change "dispersions" to --dispersion--
 Line 63, change "wet" to --with--

Column 4

Line 5, change "adjust" to --adjustment--
 Line 55, change "chan" to --channels--

Column 6

Line 46, change "130,160" to --140,170--

Line 56, change "Equation 3": $\text{PhaseShift} \equiv 2\pi \frac{\Delta}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ " to

--Equation 3: $\text{PhaseShift} \equiv 2\pi \frac{\Delta L}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ --

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

RECEIVED-USPTO
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7

Line 5, change "with" to --within--
 Line 12, change "chapels" to --channels--
 Line 26, change "experience" to --experiences--
 Line 31, change "multiplexes" to --multiples--
 Line 33, change "380°" to --360°--
 Line 41, change "experience" to --experiencing--

Column 8

Line 30, change "fat" to --fast--
 Line 48, change "diagram" to --diagrams--
 Line 51, before "this example" change "m" to --in--
 Line 54, change "cannel" to --channel--
 Line 63, change "show" to --shown--

Column 9

Line 1, change "filer" to --filter--
 Line 52, change "filter" to --further--

Column 10

Line 1, change "pa" to --path,--
 Line 6, after "Path 516 would" remove [in]
 Line 22, change "de interleave" to --de-interleave--
 Line 38, before "which split/combine" remove [may]
 Line 47, change "right" to --might--
 Line 55, after "stopbands" remove [of]
 Line 57, change "en" to --embodiment--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

RECEIVED-USPTO
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11

Line 4, after "invention" insert --,--
 Line 6, change "fist" to --fast--
 Line 7, after "coupling would" remove [for]
 Line 10, after "following" remove [.]
 Line 12, change "sub stage" to --sub-stage--
 Line 36, change "cussed" to --discussed--
 Line 40, change "con eation" to --communication--
 Line 55, after "139 with the" change "re" to --remaining--

Column 12

Line 2, change "shows" to --shown--
 Line 12, change "fist" to --fast--
 Line 16, change "mad" to --and--
 Line 31, change "pats" to --paths--
 Line 52, change "sub-stages" to --sub-stage's--
 Line 54, after "stopbands" remove [of]
 Line 60, change "charnel" to --channel--

Column 13

Line 9, change "shi" to --shift--
 Line 14, change "fill" to --full
 Line 22, before "Table 2" remove [.]
 Line 66, after "720, 740, 750" change "is" to --are--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

RECEIVED-USPTO
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14

- Line 18, after "fundamental cell" insert --,--
- Line 20, before "odd or even" change "at" to --adjacent--
- Line 39, change "sub stage" to --sub-stage--
- Line 46, change "sub stage" to --sub-stage--
- Line 53, change "transmit" to --transmits--

Column 15

- Line 25, after "polarization" change "was" to --axis--
- Line 27, change "bean" to --beam--
- Line 56, change "lights 140" to --light 1140--

Column 16

- Line 11, change "fight" to --light--
- Line 13, after "polarization" change "as" to --axis--

Column 17

- Line 23, change "my" to --may--
- Line 27, change "centered" to --cemented--
- Line 45, change "fist" to --first--
- Line 46, change "118-1182" to --1180-1182--

Column 18

- Line 9, change "pt" to --path--
- Line 9, after "sum of" insert --the--
- Line 35, change "path" to --paths--
- Line 44, change "5A" to --8A--

Column 19

- Line 1, change "born" to --beam--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0
 P R O T E C T I O N U P D A T E
 Application

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20

Line 2, before "axis" change "they" to --the y--
 Line 6, change "x" to --axis--
 Line 25, change "bean" to --beam--
 Line 30, change "fiction" to --function--
 Line 39, change "reflection" to --refraction--
 Line 52, change " θ_{S2} " to -- θ_{S2} --
 Line 62, change "pats" to --paths--

Column 21

Line 13, after "plasma" insert --,--
 Line 13, change " θ_{P1} " to -- θ_{S1} --
 Line 31, change "pats" to --paths--
 Line 35, change "spectra" to --spectral--

Column 22

Line 10, change "present" to --paths--
 Line 11, change "fight" to --light--
 Line 30, change "path" to --paths--
 Line 31, change "pats" to --paths--
 Line 45, change "rage" to --magnitude--
 Line 50, change "Tis" to --This--
 Line 60, change "stream" to --streams--
 Line 62, after "substantially" insert --be--
 Line 63, change "degree" to --degrees--
 Line 63, after "substantially" insert --be--
 Line 64, change "degree" to --degrees--
 Line 67, after "substantially" remove [to]

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

U.S.P.T.O.
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23

Line 17, change "Wave guide" to --Waveguide--

Line 44, change "thermal" to --thermally--

Line 48, change "bit" to --exhibit--

Line 50, change "charnels" to --channels--

Column 24

Line 8, change "pats" to --paths--

Line 20, change "pats" to --paths--

Line 26, change "f" to --of--

Table 3, change

TABLE 3

1	@1550 nm	vacuum	Air	BK7	SFS	Fused Silica	BaK1	LaSFN30
2	n	1	1.00027	1.50066	1.64329	1.44409	1.55517	1.77448
3	dn	0	0*	0.907465	1.407	13.7	0.066	2.293
$\beta = -x10^6$								
4	dt ax10 ⁻⁶	0	0*	5.1	8.2	0.52	7.6	6.2

*assuming constant volume

to

TABLE 3

1	@1550 nm	Vacuum	Air	BK7	SF5	Fused Silica	BaK1	LaSFN30
2	n	1	1.00027	1.50066	1.64329	1.44409	1.55517	1.77448
3	$\beta = \frac{dn}{dt} x10^{-6}$	0	0*	0.907465	1.407	13.7	0.066	2.293
$\beta = -x10^6$								
4	dt ax10 ⁻⁶	0	0*	5.1	8.2	0.52	7.6	6.2

*assuming constant volume

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

USPTO
Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 25

Line 3, change "rows" to --row--
 Line 4, change "a" to -- α --
 Line 11, change "L16=862" to --L16=2.862--
 Line 12, remove [is FIG. 2c]
 Line 37, change "harmonics" to --harmonic--
 Line 54, after " θ_{T1} " remove [it]

Column 26

Line 8, change "1A" to --10A--
 Line 13, change "path Beans" to --path. Beams--
 Line 16, change "element" to --elements--
 Line 30, before "Equations" remove [equations]
 Line 40, change "lent" to --length--

Column 27

Line 2, change "se" to --serving--
 Line 4, change "bean" to --beam--
 Line 7, change " $\theta_{T1} > \theta_{R2}$ " to -- $\theta_{T1} > \theta_{R2}$ --
 Line 12, change "Bach" to --Each--
 Line 31, change "able" to --example--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

RECEIVED-USPTO
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1

Line 30, change "portion" to --portions--

Line 59, change "nukes" to --makes--

Column 2

Line 61, change "cording" to --combining--

Column 3

Line 1, change "cells" to --channels--

Line 38, change "dispersions" to --dispersion--

Line 63, change "wet" to --with--

Column 4

Line 5, change "adjust" to --adjustment--

Line 55, change "chan" to --channels--

Column 6

Line 46, change "130,160" to --140,170--

Line 56, change "Equation 3": $\text{PhaseShift} \equiv 2\pi \frac{\Delta}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ to

--Equation 3: $\text{PhaseShift} \equiv 2\pi \frac{\Delta L}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ --

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

SEARCHED INDEXED
 SERIALIZED FILED
 FEB 2008

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7

Line 5, change "with" to --within--
 Line 12, change "chapels" to --channels--
 Line 26, change "experience" to --experiences--
 Line 31, change "multiplexes" to --multiples--
 Line 33, change "380°" to --360°--
 Line 41, change "experience" to --experiencing--

Column 8

Line 30, change "fat" to --fast--
 Line 48, change "diagram" to --diagrams--
 Line 51, before "this example" change "m" to --in--
 Line 54, change "cannel" to --channel--
 Line 63, change "show" to --shown--

Column 9

Line 1, change "filer" to --filter--
 Line 52, change "filter" to --further--

Column 10

Line 1, change "pa" to --path,--
 Line 6, after "Path 516 would" remove [in]
 Line 22, change "de interleave" to --de-interleave--
 Line 38, before "which split/combine" remove [may]
 Line 47, change "right" to --might--
 Line 55, after "stopbands" remove [of]
 Line 57, change "en" to --embodiment--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0
 Patent Application

AUG - 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11

Line 4, after "invention" insert --,--
 Line 6, change "fist" to --fast--
 Line 7, after "coupling would" remove [for]
 Line 10, after "following" remove [.]
 Line 12, change "sub stage" to --sub-stage--
 Line 36, change "cussed" to --discussed--
 Line 40, change "con cation" to --communication--
 Line 55, after "139 with the" change "re" to --remaining--

Column 12

Line 2, change "shows" to --shown--
 Line 12, change "fist" to --fast--
 Line 16, change "mad" to --and--
 Line 31, change "pats" to --paths--
 Line 52, change "sub-stages" to --sub-stage's--
 Line 54, after "stopbands" remove [of]
 Line 60, change "charnel" to --channel--

Column 13

Line 9, change "shi" to --shift--
 Line 14, change "fill" to --full
 Line 22, before "Table 2" remove [.]
 Line 66, after "720, 740, 750" change "is" to --are--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

PTO
 Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14

Line 18, after "fundamental cell" insert --,--
 Line 20, before "odd or even" change "at" to --adjacent--
 Line 39, change "sub stage" to --sub-stage--
 Line 46, change "sub stage" to --sub-stage--
 Line 53, change "transmit" to --transmits--

Column 15

Line 25, after "polarization" change "was" to --axis--
 Line 27, change "beam" to --beam--
 Line 56, change "lights 140" to --light 1140--

Column 16

Line 11, change "fight" to --light--
 Line 13, after "polarization" change "as" to --axis--

Column 17

Line 23, change "my" to --may--
 Line 27, change "centered" to --cemented--
 Line 45, change "fist" to --first--
 Line 46, change "118-1182" to --1180-1182--

Column 18

Line 9, change "pt" to --path--
 Line 9, after "sum of" insert --the--
 Line 35, change "path" to --paths--
 Line 44, change "5A" to --8A--

Column 19

Line 1, change "born" to --beam--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

RECORDED
RECORDED

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20

Line 2, before "axis" change "they" to --the y--
 Line 6, change "x" to --axis--
 Line 25, change "bean" to --beam--
 Line 30, change "fiction" to --function--
 Line 39, change "reflection" to --refraction--
 Line 52, change " θ_{S2} " to -- θ_{S2} --
 Line 62, change "pats" to --paths--

Column 21

Line 13, after "plasma" insert --,--
 Line 13, change " θ_{P1} " to -- θ_{S1} --
 Line 31, change "pats" to --paths--
 Line 35, change "spectra" to --spectral--

Column 22

Line 10, change "present" to --paths--
 Line 11, change "fight" to --light--
 Line 30, change "path" to --paths--
 Line 31, change "pats" to --paths--
 Line 45, change "rage" to --magnitude--
 Line 50, change "Tis" to --This--
 Line 60, change "stream" to --streams--
 Line 62, after "substantially" insert --be--
 Line 63, change "degree" to --degrees--
 Line 63, after "substantially" insert --be--
 Line 64, change "degree" to --degrees--
 Line 67, after "substantially" remove [to]

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

U.S. GOVERNMENT PRINTING OFFICE
 2004 500-122-022
 Patent Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23

Line 17, change "Wave guide" to --Waveguide--
 Line 44, change "thermal" to --thermally--
 Line 48, change "bit" to --exhibit--
 Line 50, change "charnels" to --channels--

Column 24

Line 8, change "pats" to --paths--
 Line 20, change "pats" to --paths--
 Line 26, change "f" to --of--
 Table 3, change

TABLE 3

1	@1550 nm	vacuum	Air	BK7	SFS	Fused Silica	BaK1	LaSFN30
2	n	1	1.00027	1.50066	1.64329	1.44409	1.55517	1.77448
3	dn	0	0*	0.907465	1.407	13.7	0.066	2.293
4	$\beta = -x10^6$							
4	dt $ax10^6$	0	0*	5.1	8.2	0.52	7.6	6.2

*assuming constant volume

to

TABLE 3

1	@1550 nm	Vacuum	Air	BK7	SFS	Fused Silica	BaK1	LaSFN30
2	n	1	1.00027	1.50066	1.64329	1.44409	1.55517	1.77448
3	$\beta = \frac{dn}{dt} x10^{-6}$	0	0*	0.907465	1.407	13.7	0.066	2.293
4	$ax10^{-6}$	0	0*	5.1	8.2	0.52	7.6	6.2

*assuming constant volume

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0 USPTO
 Publication

AUG 6 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 25

- Line 3, change "rows" to --row--
- Line 4, change "a" to -- α --
- Line 11, change "L16=862" to --L16=2.862--
- Line 12, remove [is FIG. 2c]
- Line 37, change "harmonics" to --harmonic--
- Line 54, after " θ_{T1} " remove [it]

Column 26

- Line 8, change "1A" to --10A--
- Line 13, change "path Beans" to --path. Beams--
- Line 16, change "element" to --elements--
- Line 30, before "Equations" remove [equations]
- Line 40, change "lent" to --length--

Column 27

- Line 2, change "se" to --serving--
- Line 4, change "bean" to --beam--
- Line 7, change " $\theta_{T1} > \theta_{R2}$ " to -- $\theta_{T1} > \theta_{R2}$ --
- Line 12, change "Bach" to --Each--
- Line 31, change "able" to --example--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,836,581 B1

Eric L. Maschoff
 WORKMAN NYDEGGER
 1000 Eagle Gate Tower
 60 East South Temple
 Salt Lake City, Utah 84111

No. of additional copies

→ 0

SEARCHED AND
INDEXED

AUG 6 2008